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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/806,936	03/23/2004	Gregory Andrew Hyland	GCSD-1576 (51398)	2856
74701	7590	10/17/2008	EXAMINER	
ALLEN, DYER, DOPPELT, MILBRATH & GILCHRIST 255 S ORANGE AVENUE SUITE 1401 ORLANDO, FL 32801			YOUSEFI, SHAHROUZ	
			ART UNIT	PAPER NUMBER
			2432	
			NOTIFICATION DATE	DELIVERY MODE
			10/17/2008	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

creganoa@addmg.com

Office Action Summary	Application No. 10/806,936	Applicant(s) HYLAND, GREGORY ANDREW	
	Examiner SHAHROUZ YOUSEFI	Art Unit 2432	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 July 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-38 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-38 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 23 March 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>07/28/2008, 01/29/2008, 12/26/2006, 06/25/2004</u> | 6) <input type="checkbox"/> Other: _____ |
| <u>and 11/07/2005</u> | |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1, 6, 8-9, 11, 21, 26-28, 33, 35, 36 and 38 are rejected under 35 U.S.C. 102(b) as being anticipated by Dumont (EP 0891 112). [All references are to the English language translation.]
3. With respect to claim 1, Dumont discloses a cryptographic module (securing auxiliary module 21, page 4, line 18) and a communications module (portable telephone 1, page 4, line 17) removably coupled thereto (see fig. 2, item 2 and 22); said cryptographic module comprising a first housing (see fig. 2, item 22) and a first connector carried thereby (Auxiliary function module 21 is moreover provided with male connector 25, page 6, line 7); said communications module comprising a second housing (fig. 2, item 2) and a second connector carried thereby (female service connector 14 of portable telephone 1, see page 6, line 8) and being removably mateable with said first connector of said cryptographic module (an auxiliary functional module for a portable telephone with standard casing and service connector, arranged for being mounted on the casing and for being connected to the service connector of the portable telephone, page 3, lines 14-16).

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4. With respect to claim 6, Dumont discloses at least one fastener for removably fastening said cryptographic and communications modules together (page. 6, lines 21-23 and see fig. 2 and fig. 3).

5. With respect to claim 8, Dumont discloses said communications module comprises a predetermined one from among a plurality of interchangeable communications modules each for communicating over a different communications media (the user can add, as he chooses, an additional function to his standard portable telephone, simply by mounting this auxiliary module on the standard casing of the telephone. Advantageously, some means arranged for being connected in parallel on a radio interface circuit of the portable telephone are provided, page. 3, lines 17-20).

6. With respect to claim 9, Dumont discloses said communications module further comprises a network communications interface carried by said second housing and coupled to said second connector (a telephone/user interface, signal processing unit 5 and telephone monitoring unit 6, page 4, lines 21-22).

Claim Rejections - 35 USC § 103

7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

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8. Claims 2-5, 12-15, 17, 18, 20, 22-25 and 29-32 are rejected under 35 U.S.C. 103(a) as being unpatentable over Dumont (EP 0891 112) in view of Janky (US 5,786,789).

9. With respect to claim 2, Dumont doesn't teach the first housing and second have overlapping relation. However, Janky discloses said first housing comprises a first body and a first extension extending outwardly therefrom; wherein said second housing comprises a second body and a second extension extending outwardly therefrom; and wherein said first and second extensions are aligned in overlapping relation when said first and second connectors are mated together (see figures 3A, 3B). It would have been obvious at the time the invention was made to a person having ordinary skill in the art to modify the housings disclosed in Dumont with the overlapping housings taught in Janky in order to have couple the two housings as an integrated device, see col. 4, lines 29-33.

10. With respect to claim 3, Janky discloses said first connector is carried by said first body adjacent said first extension; and wherein said second connector is carried by said second extension (see figures 3 A, 3B, 4A, 7B and 8). It would have been obvious at the time the invention was made to a person having ordinary skill in the art to modify the housings disclosed in Dumont with the overlapping housings taught in Janky in order to have couple the two housings as an integrated device, see col. 4, lines 29-33.

11. With respect to claim 4, Janky discloses each of said first and second extensions have surface features on opposing surfaces thereof to slidably engage and guide said cryptographic and communications modules together in mating relation (see figures 3 A,

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3B, 4A, 7B and 8). It would have been obvious at the time the invention was made to a person having ordinary skill in the art to modify the housings disclosed in Dumont with the overlapping housings taught in Janky in order to have couple the two housings as an integrated device, see col. 4, lines 29-33.

12. With respect to claim 5, Dumont discloses said surface features define at least one slidable interlocking joint there between (page. 6, lines 21-23).

13. With respect to claim 11, Janky discloses at least one seal between said cryptographic module and said communications module (see figures 3 A, 3B, 4A, 7B and 8). It would have been obvious at the time the invention was made to a person having ordinary skill in the art to modify the housings disclosed in Dumont with the overlapping housings taught in Janky in order to have couple the two housings as an integrated device, see col. 4, lines 29-33.

14. With respect to claim 12, Dumont discloses a cryptographic module (securing auxiliary module 21, page 4, line 18), a communications module (portable telephone 1, page 4, line 17) removably coupled to said cryptographic module (see fig. 2, item 2 and 22), and at least one fastener for removably fastening said cryptographic and communications modules together (page. 6, lines 21-23 and see fig. 2 and fig. 3); said cryptographic module comprising a first housing (see fig. 2, item 22) and a first connector carried thereby (Auxiliary function module 21 is moreover provided with male connector 25, page 6, line 7), said second connector being removably mateable with said first connector of said cryptographic module (an auxiliary functional module for a portable telephone with standard casing and service connector, arranged for being

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mounted on the casing and for being connected to the service connector of the portable telephone, page 3, lines 14-16). Dumont doesn't disclose first and second extensions are aligned in overlapping relation. However, Janky discloses said first housing comprising a first body and a first extension extending outwardly therefrom; said communications module comprising a second housing and a second connector carried thereby, said second housing comprising a second body and a second extension extending outwardly therefrom; and said first and second extensions being aligned in overlapping relation when said first and second connectors are mated together (see figures 3 A, 3B, 4A, 7B and 8). It would have been obvious at the time the invention was made to a person having ordinary skill in the art to modify the housings disclosed in Dumont with the overlapping housings taught in Janky in order to have couple the two housings as an integrated device, see col. 4, lines 29-33.

15. With respect to claim 13, Janky discloses said first connector is carried by said first body adjacent said first extension; and wherein said second connector is carried by said second extension (see figures 3 A, 3B, 4A, 7B and 8). It would have been obvious at the time the invention was made to a person having ordinary skill in the art to modify the housings disclosed in Dumont with the overlapping housings taught in Janky in order to have couple the two housings as an integrated device, see col. 4, lines 29-33.

16. With respect to claim 14, Janky discloses each of said first and second extensions have surface features on opposing surfaces thereof to slidably engage and guide said cryptographic and communications modules together in mating relation (see figures 3 A, 3B, 4A, 7B and 8). It would have been obvious at the time the invention was

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made to a person having ordinary skill in the art to modify the housings disclosed in Dumont with the overlapping housings taught in Janky in order to have couple the two housings as an integrated device, see col. 4, lines 29-33.

17. With respect to claim 15, Dumont discloses said surface features define at least one slidable interlocking joint there between (page. 6, lines 21-23).

18. With respect to claim 17, Dumont discloses said communications module comprises a predetermined one from among a plurality of interchangeable communications modules each for communicating over a different communications media (the user can add, as he chooses, an additional function to his standard portable telephone, simply by mounting this auxiliary module on the standard casing of the telephone. Advantageously, some means arranged for being connected in parallel on a radio interface circuit of the portable telephone are provided, page. 3, lines 17-20).

19. With respect to claim 18, Dumont discloses said communications module further comprises a network communications interface carried by said second housing and coupled to said second connector (a telephone/user interface, signal processing unit 5 and telephone monitoring unit 6, page 4, lines 21-22).

20. With respect to claim 20, Janky discloses at least one seal between said cryptographic module and said communications module (see figures 3 A, 3B, 4A, 7B and 8). It would have been obvious at the time the invention was made to a person having ordinary skill in the art to modify the housings disclosed in Dumont with the overlapping housings taught in Janky in order to have couple the two housings as an integrated device, see col. 4, lines 29-33.

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21. Claims 7, 10, 34 and 37 are rejected under 35 U.S.C. 103(a) as being unpatentable over Dumont (EP 0891 112) in view of Chou (US 2002/0111189).

22. With respect to claims 7 and 34, Dumont and Janky don't explicitly disclose a captive screw. However, Chou discloses said at least one fastener comprises at least one captive screw (see fig. 4). It would have been obvious at the time the invention was made to a person having ordinary skill in the art to modify the housings disclosed in Dumont with the overlapping housings taught in Janky in order to have couple the two housings as an integrated device, see col. 4, lines 29-33.

23. With respect to claims 10 and 37, Chou discloses said first and second connectors each comprise multi-pin electrical connectors (fig. 1). It would have been obvious at the time the invention was made to a person having ordinary skill in the art to modify Dumont and Janky with Chou to have different constructional chances in the device.

24. Claims 16 and 19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Dumont (EP 0891 112) in view of Janky (US 5,786,789) and further in view of Chou (US 2002/0111189).

25. With respect to claim 16, Dumont and Janky don't explicitly disclose a captive screw. However, Chou discloses said at least one fastener comprises at least one captive screw (see fig. 4). It would have been obvious at the time the invention was made to a person having ordinary skill in the art to modify the housings disclosed in Dumont with the overlapping housings taught in Janky in order to have couple the two housings as an integrated device, see col. 4, lines 29-33.

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26. With respect to claim 19, Chou discloses said first and second connectors each comprise multi-pin electrical connectors (fig. 1). It would have been obvious at the time the invention was made to a person having ordinary skill in the art to modify Dumont and Janky with Chou to have different constructional chances in the device.

27. Claims 21-27 differ from claims 1-6 and 11 only in that claims 1-6 and 11 are a device claim whereas, claims 21-27 are method claim. Thus, claims 21-27 are analyzed as previously discussed with respect to claims 1-6 and 11 above.

28. Claims 28-38 differ from claims 1-11 only in that claims 1-11 are a device claim whereas, claims 28-38 are system claim. Thus, claims 28-38 are analyzed as previously discussed with respect to claims 1-11 above.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to SHAHROUZ YOUSEFI whose telephone number is (571) 270-3558. The examiner can normally be reached on Monday-Thursday 9:00-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron can be reached on 571-272-3799. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system.

/S. Y./

Examiner, Art Unit 2432

/Gilberto Barron Jr/

Supervisory Patent Examiner, Art Unit 2432